What is claimed is:

1. A system for providing a blood component product, comprising:
    a blood component collection device;
    a blood component yield predictor associated with said
        blood component collection device; and
    means for calibrating said blood component yield
        predictor to a blood component yield counter,
        said blood component yield counter providing
        blood component yield determination capabilities,
        wherein a predicted yield value, generated by
        said blood component yield predictor from a blood
        component collection procedure in which a blood
        component collection is provided by said blood
        component collection device, is adjusted to an
        adjusted predicted yield value, and wherein a
        blood component yield associated with said blood
        component collection to define a blood component
        product is based on said adjusted predicted yield
        value.

2. A system, as claimed in Claim 1, wherein
said blood component collection device comprises a
centrifuge.

3. A system, as claimed in Claim 1, wherein
said blood component yield predictor comprises a processor,
a primary yield prediction algorithm which generates said
adjusted predicted yield value, and a plurality of
ancillary yield prediction algorithms which provide
information used by said primary yield prediction
algorithm.